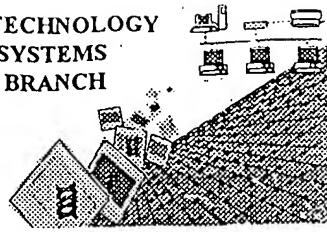


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/734,049
Source: 1FWJ0-
Date Processed by STIC: 12/30/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT

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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/734,049

DATE: 12/30/2003

TIME: 15:18:17

Input Set : A:\Q78382 Seq.txt
 Output Set: N:\CRF4\12302003\J734049.raw

3 <110> APPLICANT: ITOH, Kyogo
 5 <120> TITLE OF INVENTION: Tumor antigen
 7 <130> FILE REFERENCE: GP02-1004/US
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/734,049
 C--> 10 <141> CURRENT FILING DATE: 2003-12-12
 12 <150> PRIOR APPLICATION NUMBER: JP P2001-177058
 13 <151> PRIOR FILING DATE: 2001-06-12
 15 <150> PRIOR APPLICATION NUMBER: JP P2001-250728
 16 <151> PRIOR FILING DATE: 2001-08-21
 18 <160> NUMBER OF SEQ ID NOS: 408
 20 <170> SOFTWARE: PatentIn Ver. 2.1

pp 2-3
 Does Not Comply
 Corrected Disquette Needed

ERRORED SEQUENCES

8841 <210> SEQ ID NO: 343
 8842 <211> LENGTH: 2731
 8843 <212> TYPE: DNA
 8844 <213> ORGANISM: Homo sapiens
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/734,049

DATE: 12/30/2003

TIME: 15:18:17

Input Set : A:\Q78382 Seq.txt

Output Set: N:\CRF4\12302003\J734049.raw

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 8871 aatttactcc tctcatgacc cctgtaactg ttttcactt cagttcaaca tacattttatg 1500
 8872 ccttgcctcc tgtataccag ccagtaggtg ctgggggtgc aaaataacta agatcaaccc 1560
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E--> 8889 **agcactttgg gaggccccag** **caaaaaggatc acttgattca aggaatttga gaccagtntg** 2580
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 8892 agtgaactg tctttgaaaa aaaaaaaaaa a 2731

see p.3
 for error
 explanation

VARIABLE LOCATION SUMMARY
PATENT APPLICATION: US/10/734,049

DATE: 12/30/2003
TIME: 15:18:19

Input Set : A:\Q78382 Seq.txt
Output Set: N:\CRF4\12302003\J734049.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:284; Xaa Pos. 80

Seq#:343; N Pos. 2578

Seq#:352; N Pos. 1332

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/734,049

DATE: 12/30/2003
TIME: 15:18:19

Input Set : A:\Q78382 Seq.txt
Output Set: N:\CRF4\12302003\J734049.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:6781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:64
L:8889 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:343
L:9168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:352 after pos.:1320